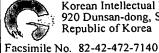
PATENT COOPERATION TREATY From the INTERNATIONAL SEARCHING AUTHORITY To: AN, Kook Chan Hannuri Bldg. 219 Naeja-dong, Chongno-gu, Seoul 110-053 WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY Republic of Korea (PCT Rule 43bis.1) Date of mailing (day/month/year) 17 DECEMBER 2004 (17.12.2004) Applicant's or agent's file reference FOR FURTHER ACTION See paragraph 2 below FM241515 Priority date(day/month/year) International filing date (day/month/year) International application No. 24 SEPTEMBER 2004 (24.09.2004) 30 SEPTEMBER 2003 (30.09.2003) PCT/KR2004/002473 International Patent Classification (IPC) or both national classification and IPC IPC7 H04Q 1/02 Applicant UTStarcom Korea Limited et al 1. This opinion contains indications relating to the following items: Box No. 1 Basis of the opinion Box No. II Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. III Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis. I(a)(i) with regard to novelty, inventive step or industrial applicability; Box No. V citations and explanations supporting such statement Certain documents cited Box No. VI Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application 2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing

of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

Name and mailing address of the ISA/KR



Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

SHIN, Sung Kil

Authorized officer

Telephone No. 82-42-481-5688



For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/KR2004/002473

Be	Box No. I Basis of this opinion				
1.	With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.				
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).				
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:				
	a. type of material				
	a sequence listing				
	table(s) related to the sequence listing				
	b. format of material				
	in wirtten format				
	in computer readable form				
	c. time of filing/furnishing				
	contained in the international application as filed.				
	filed together with the international application in computer readable form.				
	furnished subsequently to this Authority for the purposes of search.				
3	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additioanl copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.				
4	Additional comments:				
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/KR2004/002473

Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;
	citations and explanations supporting such statement

Novelty (N)	Claims NONE	YES
	Claims 1 - 3	NO
Inventive step (IS)	Claims NONE	YES
- 1 1	Claims 1-3	NO
Industrial applicability (IA)	Claims 1 - 3	YES
	Claims NONE	МО

2. Citations and explanations:

Reference is made to the following documents:

D1: KR 2001-75006 A

1. Novelty and Inventive Step

The present invention discloses a shelf unit for use in a rack for communication equipment.

However, D1 also discloses A variable shelf of a communication rack to facilitate maintenance and repair of a backboard by simply attaching and detatching a rear PCB(Printed Circuit Board) which falls within the scope of present claim 1 - 2.

Therefore, These claims cannot be regarded as meeting the requirement of novelty(Art. 33(2) PCT) and also do not fulfill the requirements of article 33(3) PCT.

2. Industrial Applicability

Claims 1 - 20 meet the criteria set out in PCT Article 33(4).